

FIG. 1

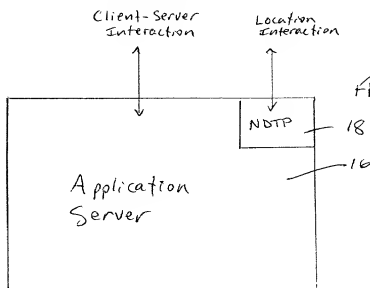
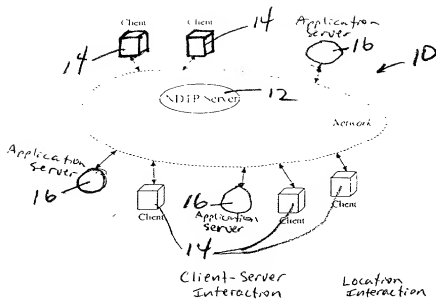


FIG. 2

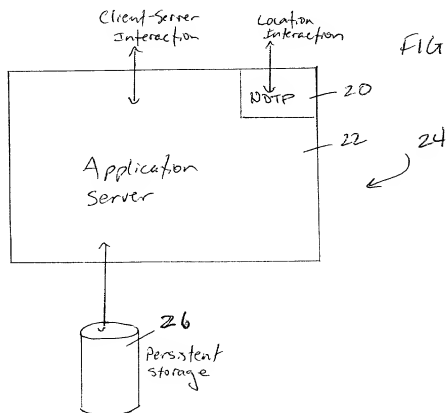
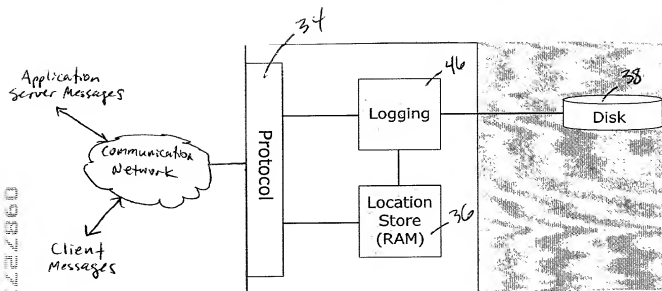


FIG. 3

00072736-000101

FIG. 4



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FIG. 5

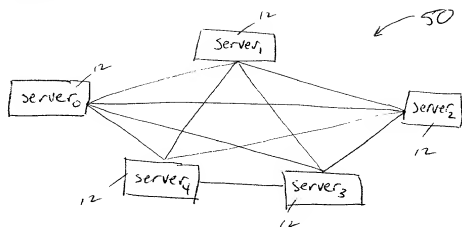
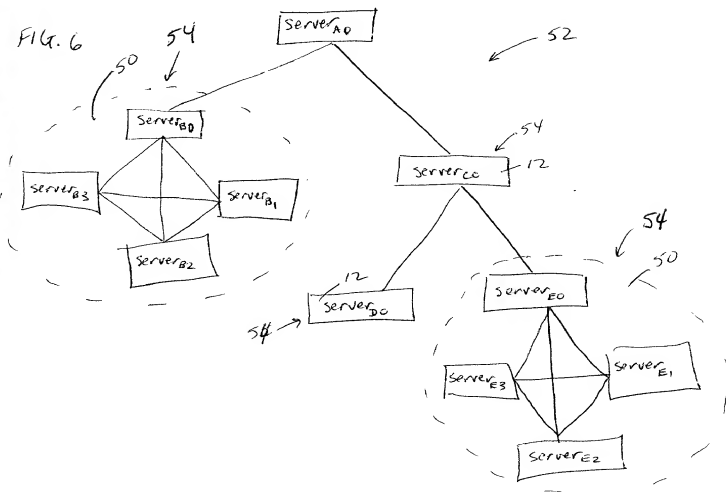


FIG. 6



09872735-060101

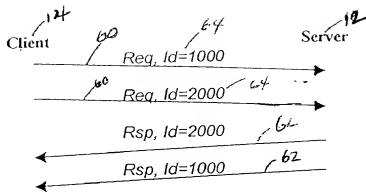


FIG. 7 - Use Of Request Identifiers

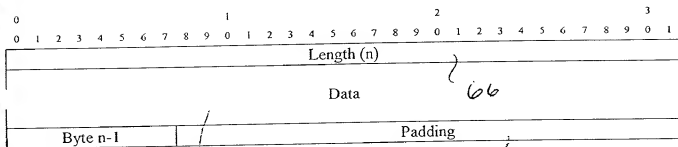


FIG. 8 - NDTP String Format

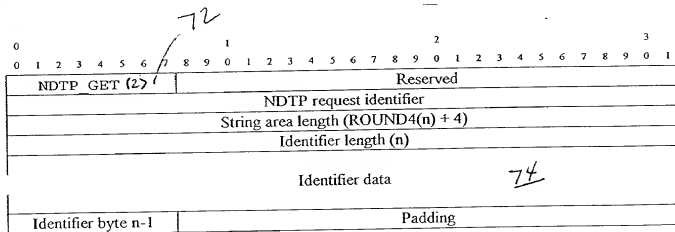


FIG. 9 - NDTP_GET Format

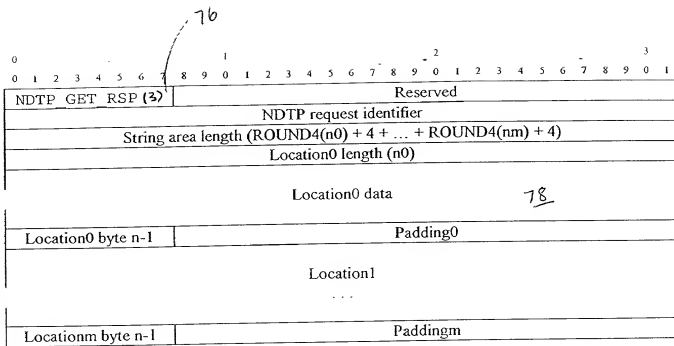


FIG. 10 - NDTP_GET_RSP Format

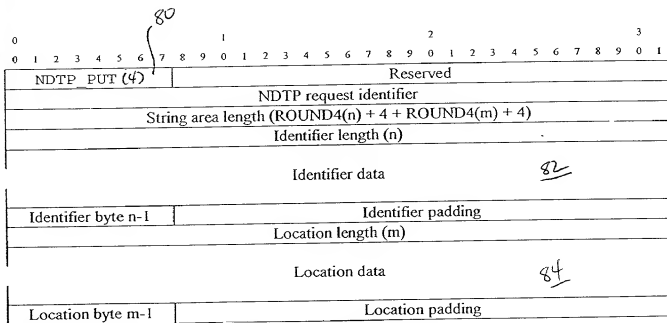


FIG 11 - NDTP_PUT Format

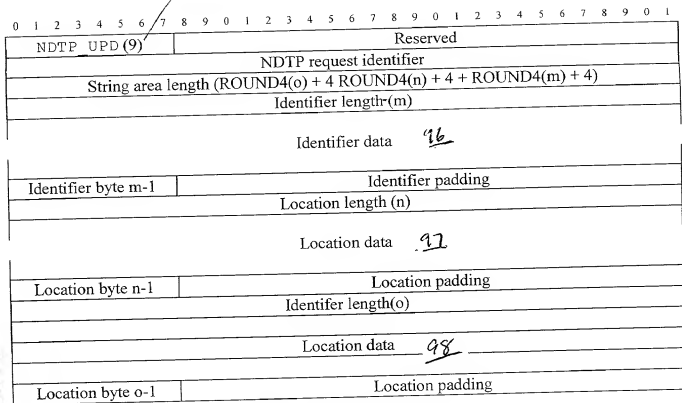


FIG. 15 - NDTP_UPD Format

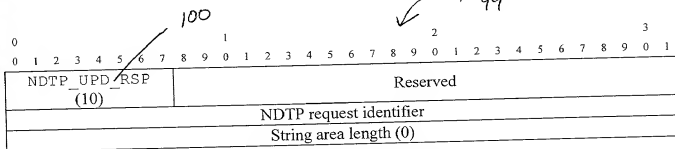


FIG. 16 - NDTP_UPD_RSP Format

0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1

NDTP_RDR_RSP (8)	Reserved
NDTP request identifier	
Hash list length ($\text{ROUND4}(n_0) + 4 + \dots + \text{ROUND4}(n_m) + 4$)	
Replication set list 0 length ($\text{ROUND4}(n_0) + 4 + \dots + \text{ROUND4}(n_m) + 4$)	
NDTP Server URL0 length (n_0)	
-	
NDTP Server URL0 data	
URL0 byte n_0-1	Padding0
NDTP Server URL1	
...	
URLm byte n_m-1	Padding
Replication set list 1 length ($\text{ROUND4}(n_0) + 4 + \dots + \text{ROUND4}(n_m) + 4$)	
Replication set list 1 data	
...	
Replication set list m byte n_m-1	Padding

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FIG. 17(b)

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0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1

NDTP_RDR_RSP (8)	Reserved
NDTP request identifier	
String area length (ROUND4(n) + 4)	
Serialized NDTPRedirectFunction length (n)	
Serialized NDTPRedirectFunction data	
Function byte n-1	Padding

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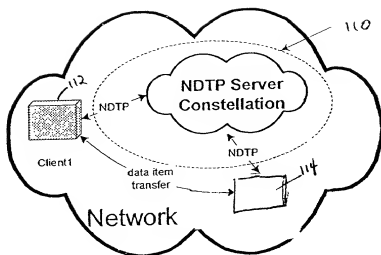


FIG. 18

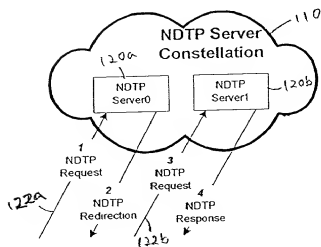


FIG. 19

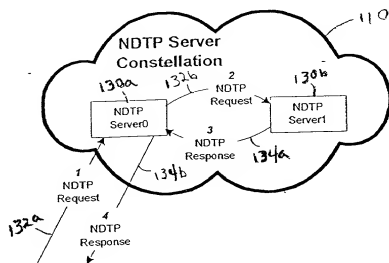
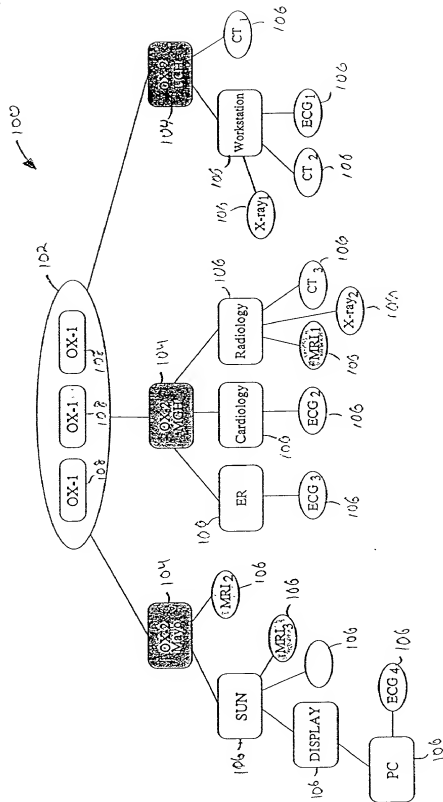


FIG. 20

Fig. 21

Network Distributed Tracking Distributed Record Retrieval



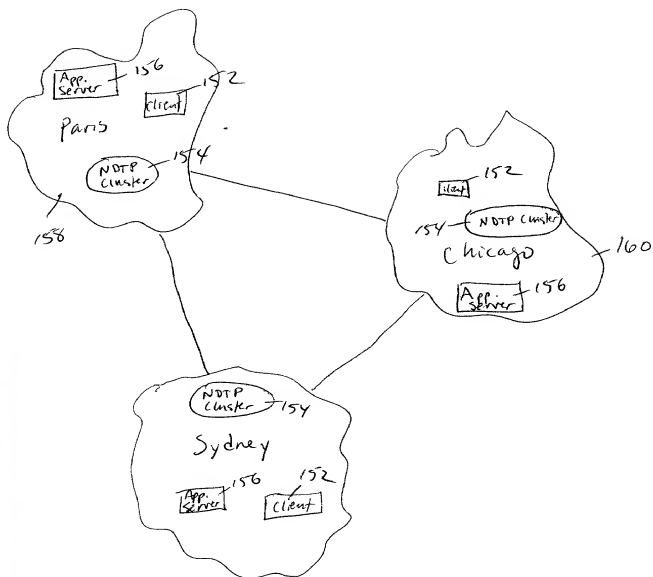


FIG. 23

FIG. 24

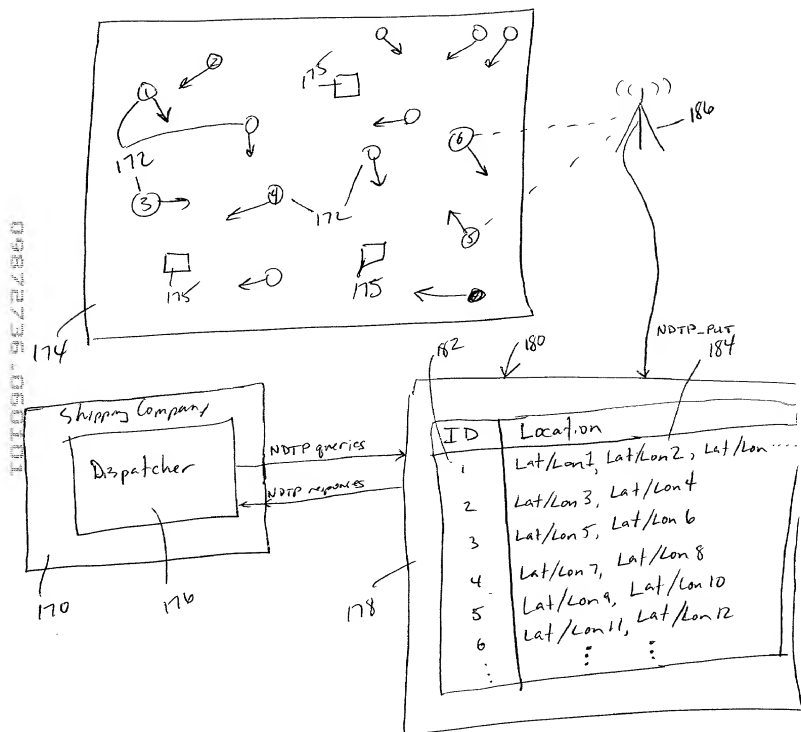


FIG. 25

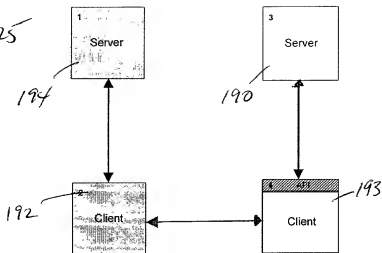


FIG. 26

Identifier	Location
Alice	PDA: 1, Cell: 1,
Bill	Computer: 0
.	.
.	.